

Remarks

The Notice of Allowability mailed on January 24, 2012 in the instant application states in item 3 that the allowed claims are 1-4, 6, 7, 14-20, 36, 38 and 39. Applicants submit this amendment merely to correct typographical errors and to include species that are within the allowed scope. Claims 1, 3, 15, 16, 17, and 18 are amended herein.

Claim 1 has been amended to correct typographical and formatting errors for consistencies:

- 1) At page 2, insert a comma after the structure of T and insert the term “and” prior to definition (r) for variable R¹⁰¹.
- 2) At page 3, replace the unnecessary period with a semicolon for variables R¹⁰¹ and R¹⁰³ and insert a comma after definitions (c) and (d) for variable R¹⁰⁴. The definition (d) for R¹⁰³ has been amended to read —OC((O)R¹¹⁴)—OC(O)R¹¹⁴.
- 3) At page 4, delete the unnecessary terms “may be” and “to” and amend the term “alternately” to read “alternatively”.
- 4) At page 5, insert a comma after the structure for variables R¹⁰⁴ and R¹⁰⁵. The term “alternately” has been amended to read “alternatively”. The definition (l) for variables R¹⁰⁵ and R¹⁰⁶ has been amended to read —OC((S)NR¹¹⁴)—OC(S)NR¹¹⁴—. The structure for variables M, R¹⁰⁵, and R¹⁰⁶ has been amended to include wavy lines and a comma after the structure for consistency.
- 5) At page 6, insert a comma after each structure and the term “or” prior to the last structure of the series for consistency.
- 6) At page 7, insert a semicolon after the structure for variables M and R¹⁰⁴, insert a colon for variable R¹⁰⁷, and delete unnecessary variables R¹¹¹ and R¹¹³.
- 7) At page 8, replace the comma with a semicolon for variable R¹¹⁴ and insert the term “and” prior to definition (f) for variable R¹¹⁵.
- 8) At page 9, reformat the commas after —NR¹¹⁴ and definition (ii) so they are not subscripted and replace the semicolon after definition (uu) with a comma. Variable R¹¹⁷, definition (i) has been amended to read (CR¹¹⁶R¹¹⁶)_fNO2(CR¹¹⁶R¹¹⁶)_fNO₂.

9) At page 10, delete the unnecessary term "may" for variable R¹¹⁷ and the extra space between "of" and ":" for variable R¹¹⁸.

10) At page 11, delete the unnecessary terms for variable R¹¹⁹.

11) At page 12, replace the semicolon with a comma for definition (cc). At pages 12 to 13, delete unnecessary variables R¹²², R¹²³, and R¹²⁵.

12) At page 13, insert a close parenthesis, comma, and semicolon for variable R¹²⁷; insert semicolons for variables R¹²⁸, R¹²⁹, and R¹¹⁰; replace the term "Alternatively" with "alternatively"; and delete the duplicative variable R¹²⁶ that follows variable R¹²⁵.

13) At page 14, insert a semicolon after the structure for variables R¹⁰⁹ and R¹¹⁰, replace the term "Alternately" with "alternatively", and delete the unnecessary term "may". For variable F, insert the term "and". For variable G, insert a colon between "of" and definition (aa). The definitions (g) and (k) for variables R¹ and R³ have been deleted and the alphabet letterings for definitions (h) to (j) have been updated. The term "and" has been inserted prior to definition (i) for variables R¹ and R³.

14) At page 15, insert the term "and" prior to definition (ff), insert a colon for variable Z after "of", and replace the term "or" with "and" for variable Z prior to definition (xx).

15) At page 16, replace the comma with a semicolon for variable R⁴ after the term "groups" and replace the semicolon with a comma for variable R⁵ after the term "sulfur".

16) At page 17, replace the comma with a semicolon for variable R⁶ after the term "sulfur" and insert a comma after definition (i) for variable R⁷.

17) At page 18, delete the unnecessary term "may" for variable R⁷ and delete the extra space for variable R⁸ between "of" and ":" prior to definition (aa).

18) At pages 19 to 20, delete the definitions (g) and (k) for variable R¹², update the alphabet letterings for definitions (h) to (o), and amend (l)-(o) to read (j)-(m). The term "substitued" has been amended to read "substituted".

19) At page 20, delete the unnecessary term "or" for variable R¹² and insert the term "and" prior to definition (m) for variable R¹² and after variable u.

Claim 3 has been amended to delete an unnecessary period. This is a typographical error.

Claim 15 has been amended to include three chemical structures and the commas after each structure. These three structures are within the scope of allowed claim 1, where

M is $-\text{NR}^{114}-\text{CH}_2-$;

R^{109} , R^{110} , and R^{104} are H; R^{104} is C_1 alkyl for the third structure; one of R^{100} and R^{101} is H and the other is C_1 alkyl;

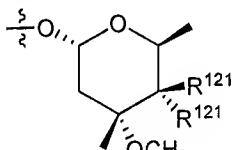
R^{108} is C_2 alkyl;

R^{107} is C_1 alkyl;

R^{106} is OR^{114} , where R^{114} is H;

R^{105} is OR^{114} , where R^{114} is H;

R^{102} is H; and



R^{103} is , where one of R^{121} is H and the other is OR^{118} or $\text{NR}^{118}\text{R}^{118}$ (R^{118} is H), or where two R^{121} groups taken together form =O.

Support for the amendment can be found in the specification as filed, at least, at page 39, lines 1-20 (the first three structures). An unnecessary comma (prior to the period) has been deleted. This is a typographical error.

Claim 16 has been amended to delete an unnecessary comma (prior to the period). This is a typographical error. Claim 16 has also been amended to include two structures that are within the scope of allowed claim 1, where

M is $-\text{NR}^{114}-\text{CH}_2-$;

R^{109} , R^{110} , and R^{104} are H; R^{104} for the second structure is C_1 alkyl.

one of R^{100} and R^{101} is H and the other is C_1 alkyl;

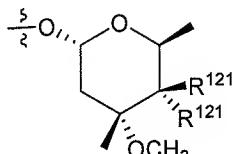
R^{108} is C_2 alkyl;

R^{107} is C_1 alkyl;

R^{106} is OR^{114} , where R^{114} is H;

R^{105} is OR^{114} , where R^{114} is H;

R^{102} is H; and



R^{103} is , where one of R^{121} is H and the other is OR^{118} (R^{118} is H), or where two R^{121} groups taken together form =O.

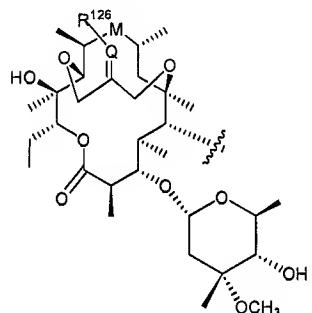
Support for the amendment can be found in the specification as filed, at least, at page 41, line 26.

Claim 17 has been amended to delete T32, its chemical structure, and the unnecessary semicolon.

Claim 17 has also been amended to include T5, T6, and T22 and their respective structures. T5, T6 and T22 are within the scope of allowed claim 1:

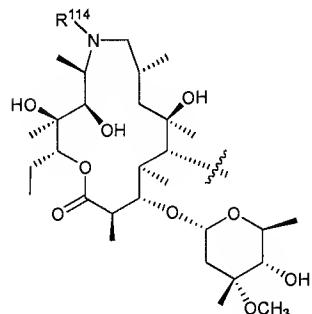
| variable | T5 | T6 | T22 |
|-------------------------|---|--|---|
| M | $-NR^{114}-CH_2-$, where R^{114} is C_1 alkyl | $-NR^{114}-CH_2-$, where R^{114} is C_1 alkyl | $-NR^{114}-CH_2-$, where R^{114} is C_1 alkyl; |
| R^{109} and R^{110} | H | H | H |
| R^{104} | H | C_1 alkyl | R^{103} and R^{104} taken together , where R^{114} is H |
| R^{100} and R^{101} | one of R^{100} and R^{101} is H and the other is C_1 alkyl | R^{100} C_1 alkyl and R^{101} is F | one of R^{100} and R^{101} is H and the other is C_1 alkyl |
| R^{108} | C_2 alkyl | C_2 alkyl | C_2 alkyl |
| R^{107} | C_1 alkyl | C_1 alkyl | C_1 alkyl |
| R^{106} | OR^{114} , where R^{114} is H | OR^{114} , where R^{114} is H | OR^{114} , where R^{114} is H |
| R^{105} | OR^{114} , where R^{114} is H | OR^{114} , where R^{114} is H | OR^{114} , where R^{114} is H |
| R^{102} | H | R^{102} and R^{103} taken together form a carbonyl | H |
| R^{103} | , where one of R^{121} is H and the other is OR^{118} (R^{118} is H) | See variable R^{102} | See variable R^{104} |

Claim 18 has been amended to replace certain structure numbers with the corresponding chemical structures, and to include structures 614 and 630. Support for the amendment to replace the structure numbers with the corresponding chemical structures can be found in the specification as filed, at least, at Tables 1 and 13. Support for structures 614 and 630 can be found in the specification as filed, at least, at page 174 and at page 178, Table 1. Structures 614 and 630 are within the scope of allowed claim 1, where M is $-\text{C}(\text{O})-$ and $-\text{C}(=\text{N}\text{OR}^{127})-$, respectively. Specifically, structure 614 specifies structure T13 as recited in dependent claim 17. Structure 630 specifies T structure:



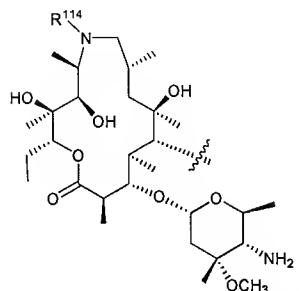
(where Q is CH and R¹²⁶ is H) as recited in dependent claim 15.

Further, claim 18 has been amended to include structure numbers 101-126, 129-219, 221-241, 244-252, 254-280, 290, 460-466, 550-556, 602, 616, 617, 701-727, 738, 746-748, and 750-752. These structures are within the scope of allowed claim 1, where M is $-\text{NR}^{114}\text{CH}_2-$. More specifically, structure numbers 101-126, 129-219, 221-241, 244-252, 254-280, 290, 460-466, 550-556, 602, 616, 617, 701-727, 746-748, and 750-752 specifies T structure:



as recited in dependent claim 15.

Structure number 738 specifies T structure:



as recited in dependent claim 15.

Support for the amendment can be found in the specification as filed, at least, at Tables 1 and 13.

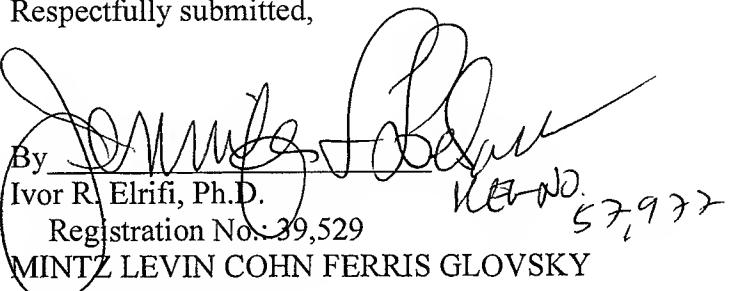
No new matter has added by these amendments. These amendments embody merely the corrections of minor typographical errors and recite certain species that are within the scope of allowed claim 1.

Conclusion

On the basis of the foregoing amendments and remarks, Applicants respectfully request that the present amendments under 37 C.F.R. §1.312 be entered. If there are any questions regarding these amendments and remarks, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Dated: February 15, 2012

Respectfully submitted,


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